



REMARKS

Status of Claims

Claims 4-5 have been rejected to under 35 USC112 as indefinite.

Claims 1 and 3-6 have been rejected under 35 USC 102(e) for lack of novelty over Frid.

Claim 2 has been rejected under 35 103(a) for obviousness over Frid in view of well known prior art.

Claim 1

Claim 1 has been amended to clarify the distinction over Frid. Accordingly, it is respectfully submitted that amended claim 1 is patentable over Frid. Amended claim 1 is distinguished over Frid by:

“the controlling support mode receiving a routing area update completion message;

the controlling support mode responding to receipt of the routing area update completion message by sending a mobile Internet protocol agent advertisement to the mobile system without receiving a mobile Internet protocol agent solicitation message”.

On the other hand in Frid:

(1) As shown in Frid Figure 6 and mentioned in Frid column 9 lines 40 to 44, the Mobile IP agent Advertisement 780 is sent in response to receiving the Mobile IP agent Solicitation message 770 (emphasis added).

(2) On a secondary point, as shown in Figure 6, message 630 is a location registration request message (see Frid, column 8 line 44) rather than a routing area update (RAU) completion message.

In the present invention, the controlling support node responds to receipt of a RAU completion message by sending the Agent Advertisement. This is without requiring an Agent Solicitation from the MS to be received on the traffic channel.

Furthermore, in some embodiments the RAU completion message may be sent on a GPRS signaling link before a traffic channel is available.

In some embodiments, this may save time as the Agent Advertisement reaches the MS at an earlier time in consequence. This may speed up the handoff by 100's of milliseconds, which, of course, benefits real time traffic or jitter sensitive traffic.

Claims 2 to 7

Claim 4 has been amended so as to address the indefiniteness rejection.

Claim 2 to 7 are patentable not least on the basis that they each depend on an allowable claim 1.

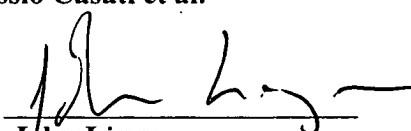
Conclusion

In view of the foregoing, allowance of all the claims presently in the application is respectfully requested, as is passage to issuance of the application. If the Examiner should feel that the application is not yet in a condition for allowance and that a telephone interview would be useful, he is invited to contact Applicants' undersigned attorney at 973 386 4237.

Respectfully submitted,

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